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ABSTRACT

This survey is designed to collect information regarding current use of technology and future plans to integrate technology into the curriculum. Sixteen questions ask respondents to indicate: their current position and school or district affiliation; current and predicted use of hardware and software; confidence and interest levels for selected software and telecommunications skills; type of computer used at home and school; relative importance of technology at elementary, middle and secondary grade levels; importance of professional development activities; three most important priorities regarding technology use in school; means used to connect to the Internet at home or school; district availability of funding and training for new technologies; percentage (of total money budgeted for new technologies) of funds received in federal, state and private dollars; percentage (of the total amount of money spent on new technologies) of funding for equipment/hardware, software and professional development; current total district enrollment; current total expenditures per enrolled pupil; specific actions New York State could take to support initiatives for integrating technology in the district/school; and specific actions the higher education community could take to help support initiatives for integrating technology in the district/school. (AEF)

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Global Assessment of Technology in Education Scale (GATE, 1997)

By:

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Global Assessment of Technology in Education
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This survey is designed to collect information regarding your current use of technology and your future plans to integrate technology into the curriculum. Please answer each question as completely as possible. If you have additional comments, feel free to include them. Your participation in this project is valuable and greatly appreciated.

Q1. Indicate your current position: (circle appropriate number)

- | | |
|-----------------------------|---------------------------|
| 1. Superintendent | 5. Curriculum Coordinator |
| 2. Assistant Superintendent | 6. Department Chair |
| 3. Principal | 7. Teacher |
| 4. Assistant Principal | 8. Other: _____ |

Q2. Are you responding to the questionnaire items on a school-wide or district-wide basis?
(circle appropriate number)

- | | |
|-----------|-------------|
| 1. School | 2. District |
|-----------|-------------|

Q3. The following are examples of hardware and software available to schools. Using the scale below, indicate the items to which *your district/school currently has access*. Then, indicate the items to which you *predict your district/school will have access within two years*. For each item, write a number (1, 2 or 3) indicating current use and predicted future use.

1 = No 2 = Yes 3 = Unsure

	Current Status	Within 2 Years
A. Internet access	_____	_____
B. CD-ROM	_____	_____
C. Computer	_____	_____
D. Fax	_____	_____
E. Laser disk	_____	_____
F. Scanner	_____	_____
G. Modem	_____	_____
H. Digital or video camera	_____	_____
I. Overhead computer pad	_____	_____
J. Probeware	_____	_____
K. Word processing	_____	_____
L. Spread sheet	_____	_____
M. Pupil monitoring system (attendance/grades)	_____	_____
N. MIDI (musical instrument digital interface)	_____	_____
O. Drawing, creative design, graphics	_____	_____

Q4. Review the following hardware and software skills which are required when using technology. Using the confidence scale below, evaluate each skill in terms of *your level of confidence in your abilities*. Then, using the interest scale, rate *your interest level in acquiring each of the skills*. For each skill, write a number (1 to 5) indicating confidence and interest.

Confidence scale: Not at all confident 1 2 3 4 5 Very confident

Interest scale: Not at all interested 1 2 3 4 5 Very interested

Running software for: Confidence Level Interest Level

- | | | |
|---|-------|-------|
| A. Word processing | _____ | _____ |
| B. Data base | _____ | _____ |
| C. Spread sheet | _____ | _____ |
| D. Statistical analysis | _____ | _____ |
| E. Graphics | _____ | _____ |
| F. Digital or video camera | _____ | _____ |
| G. Multimedia presentations | _____ | _____ |
| H. Laser disk and player with bar coder | _____ | _____ |
| I. CD-ROM disks and drive | _____ | _____ |

Using telecommunications for:

- | | | |
|-------------------------------|-------|-------|
| J. E-mail | _____ | _____ |
| K. Faxes | _____ | _____ |
| L. Access to the Internet/WWW | _____ | _____ |
| M. Literature search | _____ | _____ |
| N. Down load images | _____ | _____ |
| O. Video conferences | _____ | _____ |
| P. Multimedia | _____ | _____ |
| Q. Word processing | _____ | _____ |

Q5. Please indicate the type of computer that you use at home and school by checking the appropriate lines.

- | | Home | School |
|-----------------------|-------|--------|
| A. Apple II Family | _____ | _____ |
| B. IBM-DOS Compatible | _____ | _____ |
| C. Macintosh | _____ | _____ |
| D. UNIX-Based | _____ | _____ |
| E. Other: _____ | _____ | _____ |
| F. Have no computer | _____ | _____ |

Q6. Using the scale below, please rate the relative importance of technology at each of the following grade levels. For each level, write a number (1 to 5) indicating *importance*.

Not at all important 1 2 3 4 5 Very important

Importance

- A. Elementary grade levels _____
- B. Middle school grade levels _____
- C. Secondary grade levels _____

Q7. Using the scale below, rate the following professional development activities in terms of importance. For each activity, write a number (1 to 5) indicating *importance*.

Not at all important 1 2 3 4 5 Very important

Importance

- A. Offering a college-level course or workshop in technology _____
- B. Participating in a distance learning program _____
- C. Attending professional conferences on technology _____
- D. Preparing an electronic portfolio _____
- E. Preparing multimedia presentations for instruction _____
- F. Forming teams to develop a comprehensive plan to integrate technology into the curriculum _____
- G. Implementing pupil monitoring systems (i.e., electronic attendance, grading and health records) _____
- H. Developing an access policy for Internet use _____
- I. Creating a web site for your district/school _____
- J. Developing grant-writing skills to apply for funding _____
- K. Other: _____

Q8. Please identify your *three most important priorities* regarding technology in your district/school.

1st priority: _____

2nd priority: _____

3rd priority: _____

Q9. Please indicate the means you use to connect to the Internet at home or school by checking the appropriate lines.

	Home	School	Unsure
A. ISDN	_____	_____	_____
B. T1 plus	_____	_____	_____
C. async modem at 9600 to 28800 baud	_____	_____	_____
D. No Internet connection	_____	_____	_____

Q10. Is funding and training for new technologies available in your district?

	Yes	No	Unsure
A. Funding	_____	_____	_____
B. Training	_____	_____	_____

Q11. Of the total amount of money budgeted for new technologies, estimate the percentage of funds received in: (total percentages should equal 100%)

A. Federal Dollars	_____ %
B. State Dollars	_____ %
C. Private Dollars	_____ %
Total Dollars = 100%	

Q12. Of the total amount of money spent on new technologies, estimate the percentage of funding for each of the following: (total percentages should equal 100%)

A. Equipment/Hardware	_____ %
B. Software	_____ %
C. Professional Development	_____ %
Total Dollars = 100%	

Q13. Please estimate the current total enrollment for your district: _____

Q14. Please estimate the current total expenditures per enrolled pupil: _____

Q15. What specific actions could New York State take to support your initiatives for integrating technology in your district/school?

Q16. What specific actions could the higher education community take to help support your initiatives for integrating technology in your district/school?



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